Claims:

1. (Currently amended) A software architecture implemented at least in part by a computing device for executing a navigation-based web application at the computing device ~~that contains one or more resources accessible over a network~~, the software architecture comprising:

a first set of application programming interfaces, implemented and executed by the computing device, configured to support [[the]] execution of the navigation-based web application within the software architecture, wherein the navigation-based web application comprises:

multiple web pages expressed in declarative languages and hyperlinked together;

a plurality of resources distributed to the multiple web pages, the plurality of resources each having state information reflecting its current state; and

one or more business logic within an extent of the navigation-based web application, the one or more business logic being applied to the multiple web pages and the plurality of resources of the navigation-based web application; and

a second set of application programming interfaces, implemented and executed by the computing device, configured to support navigation-related activities of the navigation-based web application, wherein:

~~the navigation-based web application is deployed on a web server and downloaded to a local computing device from the web server through the network when executed; and wherein an instance of the~~

the navigation-related activities are activities arising from navigation among the multiple pages of the navigation-based web application;

a navigation-based web application object is created ~~in a runtime execution environment~~ after the navigation-based web application is launched at the computing device, the navigation-based web application object:

instantiating the navigation-based web application; and

residing in a runtime execution environment of the computing device; and ~~during execution and states~~

the state information of each of the plurality of resources of the navigation-based web application is:

persisted within the navigation-based web application object;

made accessible to the plurality of other resources within the navigation-based web application; and

modified according to the one or more business logic in response to an occurrence of the navigation-related activities during a session of the navigation-based web application ~~are persisted in the instance and made accessible to the resources of the navigation-based web application by the first and second sets of application programming interfaces~~.

2. (Currently amended) The software architecture recited in claim 1, wherein the first set of application programming interfaces comprises a StartingUp method that includes executable instructions that are executed to load [[the]] states of the navigation-based web application when it is being launched.

3. (Canceled).

4. (Currently amended) The software architecture recited in claim 1, wherein the first set of application programming interfaces comprises a ShutDown method that, when called, is operative to cause [[the]] states of the navigation-based web application to be saved when it is shut down.

5. (Previously Presented) The software architecture recited in claim 1, wherein the first set of application programming interfaces comprises a Windows collection in which is stored information that identifies one or more windows that are used in connection with the navigation-based web application.

6. (Currently amended) The software architecture recited in claim 1, wherein the first set of application programming interfaces comprises a Resources property that specifies the plurality of resources that apply to the multiple pages within an extent of the navigation-based web application.

7. (Previously Presented) The software architecture recited in claim 1, wherein the second set of application programming interfaces comprises a Properties collection in which is stored information about a state of the navigation-based web application during execution.

8. (Currently amended) The software architecture recited in claim 1, wherein the second set of application programming interfaces comprises a StartUpURI property that specifies the plurality of resources to which the navigation-based web application navigates upon being launched.

9. (Cancelled).

10. (Currently amended) The software architecture recited in claim 8, wherein the plurality of resources comprise an executable resource.

11. (Currently amended) The software architecture recited in claim 1, wherein the second set of application programming interfaces comprises a set of events related to [[the]] an occurrence of a navigation by the navigation-based web application.

12. (Currently amended) The software architecture recited in claim 11, wherein the set of events comprises a Navigating event indicative of [[the]] an initiation of [[a]] the navigation.

13. (Currently amended) The software architecture recited in claim 11, wherein the set of events comprises a Navigated event indicative of [[the]] completion of [[a]] the navigation.

14. (Currently amended) The software architecture recited in claim 11, wherein the set of events comprises a NavigationError event indicative of [[the]] an occurrence of an error during the navigation.

15. (Original) The software architecture recited in claim 11, wherein the set of events comprises a NavigationProgress event that is raised periodically during the navigation to enable information about the navigation to be discerned.

16. (Currently amended) A computer-readable medium having computer-executable components for supporting [[the]] execution of a navigation-based web application ~~that contains one or more resources accessible over a network~~, the components comprising:

an application programming interface exposed by the navigation-based web ~~software~~ application, the navigation-based web application comprising:

multiple web pages expressed in declarative languages and hyperlinked together;

a plurality of resources distributed to the multiple web pages, the plurality of resources each having state information reflecting its current state; and

one or more business logic within an extent of the navigation-based web application, the one or more business logic being applied to the multiple web pages and the plurality of resources of the navigation-based web application;

the application programming interface including:

an OnStartingUp ~~a StartingUp~~ method including executable instructions to be executed to load states of the navigation-based web application when it is being launched;

an OnShutDown method including executable instructions that are executed when the navigation-based web application is being shut down; and

a ShutDown method that, when called, is operative to cause the states of the navigation-based web application to be saved before it is shut down,

wherein:

a navigation-based web application object is created after the navigation-based web application is executed at the computing device, the navigation-based web application object:

instantiating the navigation-based web application; and

residing in a runtime execution environment of the computing device; and

state information of each of the plurality of resources of the navigation-based web application is:

persisted in the navigation-based web application object;

made accessible to the plurality of other resources of the navigation-based web application; and

modified according to the one or more business logic during a session of the navigation-based web application

~~wherein the navigation-based web application is deployed on a web server and downloaded to a local computing device from the web server through the network when executed; and~~

~~wherein an instance of the navigation-based web application is created in a runtime execution environment during execution and the states of the navigation-based web application are persisted in the instance and made accessible to the resources of the navigation-based web application by the application programming interface~~.

17. (Currently amended) The computer-readable medium recited in claim 16, wherein the application programming interface further comprises ~~further comprising~~ a Windows collection in which is stored information that identifies one or more windows that are used in connection with the navigation-based web application.

18. (Currently amended) The computer-readable medium recited in claim 16, wherein the application programming interface further comprises ~~further comprising~~

a Resources property that specifies resources that apply to pages within an extent of the navigation-based web application.

19. (Currently amended) A computer-readable medium having computer-executable components for supporting the execution of a navigation-based web application at a computing device ~~that contains one or more resources accessible over a network~~, the components comprising:

an application programming interface exposed by the navigation-based web application, the navigation-based web application comprising:

multiple web pages expressed in declarative languages and hyperlinked together;

a plurality of resources distributed to the multiple web pages, the plurality of resources each having state information reflecting its current state; and

one or more business logic within an extent of the navigation-based web application, the one or more business logic being applied to the multiple web pages and the plurality of resources of the navigation-based web application,

the application programming interface including:

a Properties collection that stores state information ~~about a state~~ of the plurality of resources of the navigation-based web application during execution; and

a StartUpURI property that specifies the resources to which the navigation-based web application navigates upon being launched,

wherein:

a navigation-based web application object is created after the navigation-based web application is launched at the computing device, the navigation-based web application object:

instantiating the navigation-based web application; and

residing in a runtime execution environment of the computing device; and

the state information of the resources in the Properties collection of the navigation-based web application is:

persisted within the navigation-based web application object;

made accessible to the plurality of other resources within the navigation-based web application; and

modified according to the one or more business logic during a session of the navigation-based web application

~~wherein the navigation-based web application is deployed on a web server and downloaded to a local computing device from the web server through the network when executed; and~~

~~wherein an instance of the navigation-based web application is created in a runtime execution environment during execution and the Properties collection and the StartUpURI property is persisted in the instance and made accessible to the resources of the navigation-based web application by the application programming interface~~.

20. (Cancelled).

21. (Currently amended) The computer-readable medium recited in claim 19, wherein the plurality of resources further comprise an executable resource.

22. (Currently amended) The computer-readable medium recited in claim 19, wherein the application programming interface further comprises ~~further comprising~~ a set of events related to [[the]] an occurrence of a navigation by the navigation-based web application.

23. (Currently amended) The computer-readable medium recited in claim 22, wherein the set of events comprises a Navigating event indicative of [[the]] an initiation of [[a]] the navigation.

24. (Currently amended) The computer-readable medium recited in claim 22, wherein the set of events comprises a Navigated event indicative of [[the]] completion of [[a]] the navigation.

25. (Currently amended) The computer-readable medium recited in claim 22, wherein the set of events comprises a NavigationError event indicative of [[the]] an occurrence of an error during the navigation.

26. (Original) The computer-readable medium recited in claim 22, wherein the set of events comprises a NavigationProgress event that is raised periodically during the navigation to enable information about the navigation to be discerned.